

I hope to get above 800 guinea
ready and can at the place -
so that I hope the port will be out
in May or June

Ever your sincere

George Nuttall

You two remaining relations
two sisters - I have lately lost
one and the other I fear is dying
this makes one feel very lonely
in this world

The cultivated Rubiaceae you
sent fragments of is *Hamiltoria*

25. Milton Place, S.W.

Jan^r 20/65

My dear Gray

Many thanks for the prompt
manner in which you answered
my queries which is precisely
what I wanted about publishing
societies and journals and also
for the *Gymnocladus* ^{& *Gleditsia*} flowers
which were quite satisfactory
As withch has a *Gleditsia* from
the mountains of tropical Africa
so that it is now known in American
tropical Africa and the Asiatic
mountain region from the Caspian
to the eastern extremity

With regard to Carey any
further information would be most
acceptable - In examining numerous
Crataegus & *Cyperus* last summer

with reference to homology of organs
 I come upon an *Ulex* with
 flowers intermediate between the
 male and female which convinced
 me in that case that the seta under
 the perigynium is an abortive stamen
 and it appeared to me that in the
 manner in which it is always adnate
 to the perigynium at the base and
 from the two teeth of the perigynium
 having in many cases the hood of the
 seta and the seta itself dilated so as
 in one or two flowers to have a
 nearly equally 3 lobed perigynium with
 a hood to each, the perigynium itself
 might represent an abortive androecium
 & stamens of the outer series and one of
 the inner series as is the case I believe
 in most if not all ^{the most flowers} triandrous *Cyperus*
 & grasses - the inner one
 disappearing in the deandrous ones.

In those *Cyperus* which have the inner
 seta it is always adnate to the perigynium
 at the base as in *Ulex*.

This view of the perigynium might
 in some measure be confirmed by its
 total absence in the male flower.

I am therefore most anxious to
 see a male flower with a perigynium
 which would quite refute the hypothesis
 and a hermaphrodite *Cyperus* which
 ought to throw light on the subject
 one way or the other.

I yesterday took *Leguminosae*
 to the printer for General Stalder
 I have 397 Genera

I have adopted your views in
 reducing *Bomalobus* to *Actinagalys*
 I have made great reductions and
 certain numerous synonymy
 but have been obliged to establish
 about a dozen new genera - especially from
 our rich African collectors - one a
 tall woody climber with digitate leaves
 a one species with a flower 6 in. long